



US009408765B2

(12) **United States Patent**  
**Andersson et al.**

(10) **Patent No.:** **US 9,408,765 B2**  
(45) **Date of Patent:** **Aug. 9, 2016**

(54) **LIFT SYSTEM WITH LOWERING MECHANISM**

USPC ..... 5/85.1, 81.1 R, 83.1, 88.1, 89.1  
See application file for complete search history.

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(\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 504 days.

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(21) Appl. No.: **13/914,023**

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(22) Filed: **Jun. 10, 2013**

European Search Report dated Sep. 19, 2013 for European Patent Application No. 13171305.9.

(65) **Prior Publication Data**

US 2014/0075669 A1 Mar. 20, 2014

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**Related U.S. Application Data**

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(60) Provisional application No. 61/736,954, filed on Dec. 13, 2012, provisional application No. 61/657,743, filed on Jun. 9, 2012.

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(51) **Int. Cl.**  
**A61G 7/10** (2006.01)  
**F16D 13/12** (2006.01)  
**G06F 11/30** (2006.01)

(57) **ABSTRACT**

A movement system for use with an overhead patient lift system includes a motor. A drum is operatively coupled to the motor. The drum is configured to be selectively driven by the motor to rotate in one of a clockwise direction and a counter-clockwise direction. A lifting strap is coupled to the drum. The lifting strap is extendable and retractable with respect to a carriage of the overhead patient lifting system as the drum rotates. A manual release operatively coupled to the drum is actuatable to selectively disengage the drum from the motor to allow the lifting strap to be manually extended. Also disclosed is an overhead patient lift system including the movement system and a method for manually extending a lifting strap of an overhead patient lift system.

(52) **U.S. Cl.**  
CPC ..... **A61G 7/1015** (2013.01); **A61G 7/1042** (2013.01); **F16D 13/12** (2013.01); **G06F 11/30** (2013.01); **A61G 7/1013** (2013.01);  
(Continued)

(58) **Field of Classification Search**  
CPC . A61G 7/1013; A61G 7/1015; A61G 7/1042;  
A61G 7/1049; A61G 7/1051

**19 Claims, 20 Drawing Sheets**

